

FIG. 1

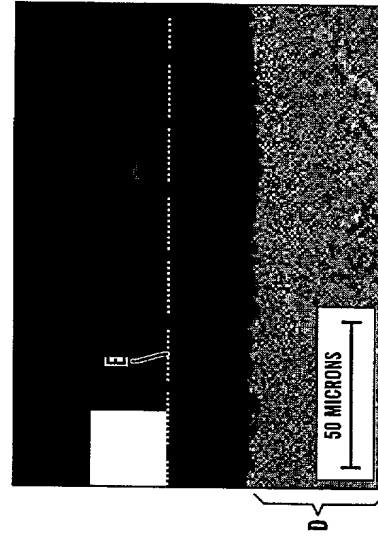


FIG. 2

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2/4

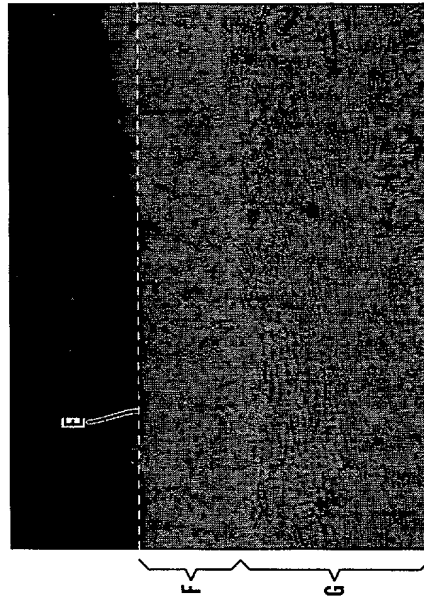


FIG. 4

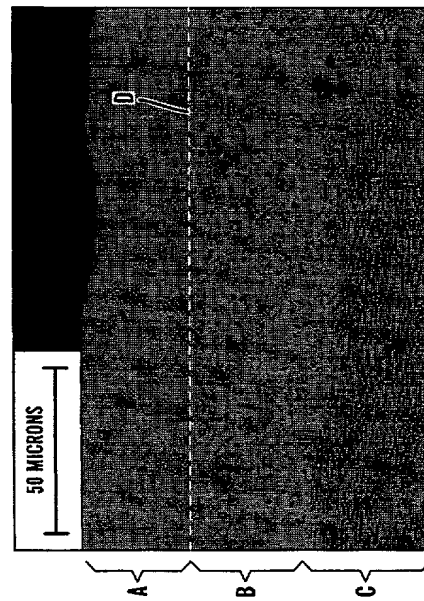


FIG. 3

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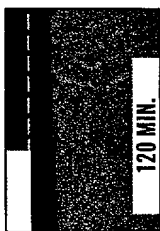


FIG. 8



FIG. 7

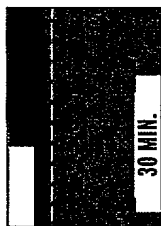


FIG. 6



FIG. 5

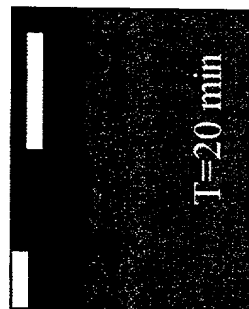
ADDITIVE SUBLAYER
DIFFUSION SUBLAYER
SUBSTRATE



T = 0

FULL COATING

FIG. 9



T = 20 min

THIN ADDITIVE SUBLAYER

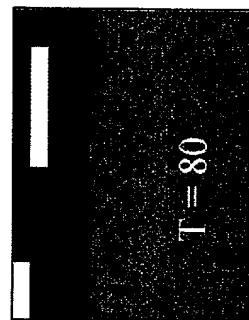
FIG. 10



T = 40 min

NO ADDITIVE SUBLAYER

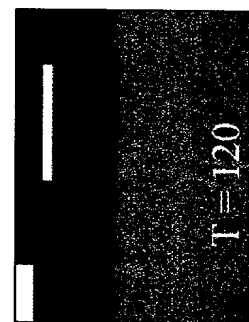
FIG. 11



T = 80

DIFFUSION SUBLAYER INTACT

FIG. 12



T = 120

DIFFUSION SUBLAYER INTACT

FIG. 13